

From qrp-1@lehigh.edu Thu Oct 19 15:29:00 1995
From: km@PACT.ORG.PE (Kris Merschrod)
Subject: [4454] 30 meter action & NW QRP Club
Message-ID: <m0t5k7P-000B7mC@rcp.net.pe>

Adam's thought on 30 meters ...

I agree with the no-contest on WARC, but 30 meters is a nice place to meet and not half as noisy as 40 meters.

The NW QRP Club meets there on Monday nights, 10.123 (I made it this past Monday -- only 5 watts CW) and while it is a tough haul from these parts it is a nice place to stop by on a slow night like Monday. Listen for Bill N7MFB the net control about 0200 GMT (Tuesday in GMT). Fater checking into the net there is plenty of room to QSY and not get lost in the crowd.

Let's reinforce what is there.

CUL
Kris
OA4\KA20IG

P.S. Adam, how about letting Albert out for some air?

From qrp-1@lehigh.edu Thu Oct 19 15:29:00 1995
From: "Adam O'Donnell" <adam@libertynet.org>
Subject: [4438] 30m QRP-L contest -> New Prop study.
Message-ID: <199510182305.TAA04399@philadelphia.libertynet.org>

How about a new propagation study for the winter?

--
Adam O'Donnell, N3RCS
Amsat: N3RCS@AMSAT.ORG
Internet: ADAM@LIBERTYNET.ORG

"I want to know how God created this world. I am not interested in this or that phenomenon. I want to know His thoughts, the rest are details."

-- Albert Einstein

From qrp-1@lehigh.edu Thu Oct 19 15:29:00 1995

From: "Adam O'Donnell" <adam@libertynet.org>
Subject: [4439] 30m QRP-L contest ENOUGH ALREADY! :-)
Message-ID: <199510182307.TAA04166@philadelphia.libertynet.org>

Okay okay.

I knew that contests on 30 were taboo, but I just wanted to get as many of the QRP-Lers on the air at the same time.

Maybe something like SKN... we could have QRP-L activity nights... maybe the first saturday night of every month.

We could rotate bands every week.

I dunno. I'm open to suggestions.

--

Adam O'Donnell, N3RCS
Amsat: N3RCS@AMSAT.ORG
Internet: ADAM@LIBERTYNET.ORG

"I want to know how God created this world. I am not interested in this or that phenomenon. I want to know His thoughts, the rest are details."

-- Albert Einstein

From qrp-l@lehigh.edu Thu Oct 19 15:29:00 1995
From: km@PACT.ORG.PE (Kris Merschrod)
Subject: [4449] 6 meter kits & HAMBREW 6 meter "push"
Message-ID: <m0t5k70-000B71C@rcp.net.pe>

KB00XD,

Kanga Kits makes an xmitter (200Mw) send Bill Kelsey (N8ET) a note (Kanga@bright.net) or \$1.00 to him at 3521 Spring Lake Dr. Findlay, OH 45840 for Their Catalogue. [HTTP://qrp.cc.nd.edu/kanga](http://qrp.cc.nd.edu/kanga)

Also, TenTec makes a converter

Best of all, Subscribe to "Hambrew" This latest Autumn 1995 has a review of the Kanga 6 meter xmitter and this quality publication will be going into 6 meter gear. It is \$10.00 per year, Published by Geo. De Grazio WF0K 13562 Wset Dakota Ave. Lakewood, CO 80228.

You can email Hambrew at andromedo@ aol.com

ELENCO has a 6m/2m FM RCVR kit (Also seen in HAMBREW Summer 1995) They can be contacted at 1245 Rosewood Ave. Deerfield, IL 60015
1 800 292-7711

72,

Kris
OA4\KA20IG

From qrp-1@lehigh.edu Thu Oct 19 15:29:00 1995
From: Anibal Aguirre <aaguirr@aleph.fi.uba.ar>
Subject: [4452] 80meters handies
Message-ID: <9510190022.AA20063@aleph.fi.uba.ar>

i`need information about 80m or 40 and 80meters handies(xtal or synth)
is for a dxpedition in patagonia.
i` need if is possible a dealer addres about this.
thanks Anibal
 LU4DVJ

From qrp-1@lehigh.edu Thu Oct 19 15:29:00 1995
From: dwatson@nskernel.tandem.com (watson_dan)
Subject: [4441] ?? Tuning beam antennas from ground level ??
Message-ID: <9510182346.AA10835@razorback.nskernel.tandem.com>

Hi Gurus,

I apologize in advance that this is not a QRP-specific enquiry.

There was an article somewhere lately regarding setting up beam antennas by pointing them directly up, making the tuning effort much easier than if the work were done at the top of the tower. I would very much appreciate:

- a pointer to the article if you know it. I can't find it to save my soul!
- a pointer to any other articles or books that might help. I didn't see anything obvious in the ARRL Antenna Book.
- any personal experiences or gotchas that you might want to share.

Our club was donated a 40' tower, which we have mounted on the second story of one of our company's buildings, so we would be doing the work from the roof and not over "real" Mother Earth.

Thanks very much in advance for any help you might share.

73,

Dan AC6PI

From qrp-1@lehigh.edu Thu Oct 19 15:29:00 1995

From: frank <yorks@frank>

Subject: [4447] ARCI Contest

Message-ID: <zbwIBEAvj+gWEw+u@frank>

Hi, just joined ARCI on Saturday, via Dick G0BPS (Kanga UK) at the Rochdale QRP convention, and thought would have a few minutes on 14060 on Sunday. Managed to work V01DRB, N4BP, K4AHK and TA2Z0. Bit of fun but not a great fan of contests!

Have fun!

--

Frank G3YCC G QRP Club 042

Email: frank@yorks.demon.co.uk

From qrp-1@lehigh.edu Thu Oct 19 15:29:00 1995

From: PArland@aol.com

Subject: [4458] Call for photographs for future QST article

Message-ID: <951019070119_48519079@mail06.mail.aol.com>

Hi Gang:

I am looking for some GOOD QUALITY photos of you with your PORTABLE QRP station set up in the bush....either at FD or on a camping trip or one of the QRP to the field-type sprints.

The photos must be well composed, good contrast, show both you and the gear. Send a private em-mail describing the photo(s) and I'll be in touch.

73 rich K7YHA

From qrp-1@lehigh.edu Thu Oct 19 15:29:00 1995

From: burdick@interval.com (Wayne Burdick)

Subject: [4435] Capacitors: the ugly truth!

Message-ID: <v0213054dacab05b0acb1@[199.170.106.28]>

Some small disc capacitors of the kind stocked by places like Digikey and Mouser have horrible unloaded Q's--in the vicinity of 10 at 1MHz. (Since Q is the inverse of dissipation factor, the D values are correspondingly bad at around 0.1.) Other disc capacitors from the same vendors have Q's from 200 to 900, equal to the best silver mica and polystyrene caps.

Q (or D) of capacitors is important because it tells you how much power loss will be associated with the capacitor, an often overlooked consideration in the heat of prototyping. It has serious implications for any filters, oscillators or other RF circuits you might be using them in.

How many circuits have YOU breadboarded that didn't work as well as you thought they should? Ever suspect low-Q capacitors? Weed those turkeys out now! You could be losing 5 to 25% of your expected output power in transmitters, an equal amount of receiver selectivity, etc. If in doubt use silver mica, or polystyrene, or large, NPO disc ceramics where possible. (Monolythics and mylar caps are all over the map, but are frequently low-Q, especially when physically small for their value.)

HOW TO TELL WHICH ONES ARE HIGH-Q: The short answer is read the specs carefully or buy a couple of caps that you think you'll be using and test them. When this isn't possible, there are some useful generalizations to go by. The following categories of ceramic capacitors *usually* have high Q (low dissipation factor) in RF circuits:

1. Very small value capacitors (<20pF)
2. NPO Capacitors
3. "CLASS 1" capacitors (small K, or low dielectric constant)
4. Capacitors that are physically large for their value;
for example, a 150pF, 50V disc cap that is 0.25" in diameter is probably OK, while one that is 0.15" dia. is highly suspect

TO RECAP: Don't expect physically small (0.15" diameter), minimally-marked, high-value (220pF and up) capacitors from a surplus store to perform well.

Wayne,
N6KR

From qrp-1@lehigh.edu Thu Oct 19 15:29:00 1995
From: RobCap@aol.com
Subject: [4463] Cascade Dial
Message-ID: <951019092030_48584777@emout06.mail.aol.com>

Doug-

Here are the details on my computer generated dial for the Cascade:

- * Diameter 2", equal to Sierra.
- * Appearance, similar to Sierra.
- * Heavy, 1/4-inch graduations at 0, 25, 50, 75, 100, 125, 150, 175 and 200 KHz.
- * Light graduations, 1/8-inch, every 5 KHz.
- * Numerical readings at 0, 50, 100, 150 and 200 KHz.
- * Artwork provides location of hole to fit over capacitor shafts, and two small holes for mounting screws.

I printed my dial on heavy card-stock, and had the card laminated. I asked the clerk to please turn up the temperature slightly on the laminator, and to run it through twice, for a good solid bond.

After lamination, I cut out the dial and used an X-acto knife to cut out the mounting holes.

The finished product looks VFB.

The artwork is on the way to you for inclusion in the next issue of the Norcal quarterly, per your request.

73,

Rob

From qrp-1@lehigh.edu Thu Oct 19 15:29:00 1995
From: Larry East <LVE1@inel.gov>
Subject: [4406] Chemical Wire Stripper
Message-ID: <9510181441.AA05451@garnet.inel.gov>

Last week I found one dusty bottle of "Strip-X" at the local TV parts supply house and bought it. Got home and dropped it getting out of the car --

72,
Larry W1HUE/7
LVE1@inel.gov

[illegible]

Ernie Gregoire
RR 1 Box 221
Canaan, NH. 03741

New England QRP Club, information
available on request by sending me a
S.A.S.E. or via E-mail.

e-mail : GREGOIRE@VALLEY.NET
packet : AA1IK@WA1WOK.FN43FE.NH.USA

From qrp-1@lehigh.edu Thu Oct 19 15:29:00 1995
From: "Timothy J. Pettibone" <tpettibo@NMSU.Edu>
Subject: [4410] FOX report
Message-ID: <Pine.A32.3.91.951018082205.41202A-100000@hector>

>From AB50U, one of the FOXES.

Wow:! What fun! My right arm in a cast (yes, I'm right-handed).
The XYL logging for me (first time in 36 years of marriage!) As I've
mentioned before (since my right arm has been in a cast before) reversing
the paddle let's me send some not-too-bad cw with my left hand. I find
that amazing. Try it sometime, it's not just my superb talent!

At any rate, I tried for Bob, at 5 minutes til the magic hour (it's OK,
Chuck said we could do that). No luck. Then I started on 7110 KHZ at
0100Z on the 18th (that's 7pm Mountain Daylight time on the 17th ...)
The list follows:

WW7Y
WOZQ
KB0RMQ
K5UP
AA0XZ
NU6U
NZ4I
WB8ZJL
KC2DU
AB5EU
N7NFB
AA1IK
KA5T
KK5KX

WA9PWP
K2MNN
WD5GNW

then I changed to 7040 KHZ. Had to jump around a bit looking for a somewhat clear frequency. Took me 9 minutes to get the next contact:

KC4EWT
W3PM
KC1FB
AA7QU
N0OCT
NG0N
WB5BDS
WB4TBW
and lastly and almost lately,
N6ULU

that's a total of 26 FOX hunters. The band was relatively quiet on this end. Rig was cranked-down TS140S (4.8 watts) to a strange 70' ant, with 300 ohm tv lead to the center, an MFJ 949D tuner and OHR Wattmeter, LOGIkeyer, and Bencher paddle. Had planned on having a new GAP Titan vertical and a horizontal loop up for the contest, eh, I mean exercise, but the cast got in the way! GAP is in the box on the garage floor.

I heard more in there but couldn't drag them out. I held myself to a standard requiring call, rst, name and state. If you got my call and I got yours let me know. I kept my rough notes and will try to verify. Heck, may be able to up the count. Thanks for being there gang, it was a ball!

Tim AB50U

From qrp-1@lehigh.edu Thu Oct 19 15:29:00 1995
From: Edward=F=Burke%Eng%GPID@banyan.BV.TEK.COM
Subject: [4428] Further Comments on Norcal30 Conversion
Message-ID: <9510182004.AA05403@tekgen.bv.tek.com>

Two days ago, I posted to the QRP list a description of the parts I had used in my conversion of the Norcal40A to a Norcal30.

Two further comments have occurred to me, and I wanted to share them with you.

First, the output low pass filter (L&, L8, C45, C46 and C47) was based on the 50

Ohm input and output impedance designs given in the Reference section of the ARRL Handbook. The values I used were from filter 105. I tested my completed Norcal30 for harmonic content using a Tektronix TDS544 scope in the FFT mode, and harmonics appeared to be almost 40 db down. So my Norcal30 easily met the FCC limit of 30 db which applies to output powers of less than 5 watts.

But that was for my power amplifier configuration, etc., etc.

Harmonics depend on a whole raft of things; and are sensitive, among others, to previous signal sources, power level, supply voltage, and filter component values and types. I certainly did not do a careful tolerance analysis of the filter parts since I was building "one of a kind". As a homebuilder, you need to be prepared to measure the output purity of the signal you put out; maybe you can locate a friend who has access to the required equipment.

It is not a good idea to assume that what was within limits for me will necessarily be in limits for you. If your new creation does not pass, be ready to change to a "tighter" filter design.

Secondly, the 8 Mhz crystal filter was prototyped and tested as a sub-system using the approach outlined by Wes Hayward in a recent QEX (the ARRL experimenters Journal). With the crystal parameters from the testing suggested by Hayward, I was able to do a Spice simulation of the filter performance and to set the bandwidth at 500 Hz. It is incredible how well this approach works!

Crystal filter design need not be the black magic subject that it used to be. I recommend the Hayward article to you.

Best 72's

Ed Burke KI7KW

From qrp-1@lehigh.edu Thu Oct 19 15:29:00 1995
From: am257@detroit.freenet.org (Tim English)
Subject: [4443] GEL CELL Battery specs.
Message-ID: <199510190006.UAA26215@detroit.freenet.org>

Several have asked for dimensions and specifics on these gel cells I have here. Here they are...

7.0ah -- 6 lbs. -- 6" wide -- 3.75" high -- 2.5" deep
4.5ah -- 4 lbs. -- 5.125" wide -- 3.875" high -- 2.625" deep
2.6ah -- 2 lbs. -- 7" wide -- 2.375" high -- 1.375" deep

All batteries have standard 1/4" male spade terminals on top.

Batteries are all brand new, never used, delivered to my company twice a week from Interstate battery rep.

Tim English (am257@detroit.freenet.org)
23 Willow Lane
Lennon, Mich. 48449

From qrp-1@lehigh.edu Thu Oct 19 15:29:00 1995
From: km@PACT.ORG.PE (Kris Merschrod)
Subject: [4455] Good neighbors with good hearing
Message-ID: <m0t5k7Q-000B7nC@rcp.net.pe>

Bruce (VE3UWL) is right, the listener does all of the work; that is an excellent idea. I'll put a special thanks on my QSL cards to QRO's for listening and "picking me up."

Last night I was on 40 meters, QRP SSB (Glutton for punishment or what?), A fellow from Greece gave me a 4x3, bless his heart and his ears. I then caved in and cranked it up to 50 watts so that he could hear me better. In Argentina that got me a 5x9 plus 40! Of course that is close by and I had my vertical rotated his way. HI

By the way, the S. American crowd calls SSB between 7.05 and 7.130 but listen up about 7.173 or any open spot. They will announce where they have found a hole in the BC QRM.

72 Kris
0A4\KA20IG

From qrp-1@lehigh.edu Thu Oct 19 15:29:00 1995
From: ddoyle@arinc.com
Subject: [4425] Ground Mounted Verticals
Message-ID: <95Oct18.160926edt.30729@interlock.arinc.com>

Hi gang,

I see that others are using ground mounted verticals so I thought I would include my story. I made me a 20m ground mounted vertical out of some 1" aluminum tubing and a tent pole I had laying around. The tent pole slid inside the aluminum tubing with a nice fit so I cut a short piece, 6" long, for a splice and about 4' for the top piece. The aluminum tubing used to be channel 13 TV

antenna booms and are 7' each. Using two 7' pieces along with the 4' tent pole gave me just under 18' to play with. I just slide the tent pole in until the antenna was tuned for the 20m band. I ended up with a 15 and a half foot antenna that was broad banded enough to work the entire band. I used scrap speaker wire and coax center conductor scrap for the radials. I cut them 17.5' based on calculations and just left them at that length. I've noticed that the more radials I add, the higher the SWR yet the freq. dip stays in the same place. After reading the ARRL handbook and antenna book I believe this must be due to the fact that as more radials are added the resistance goes down, less than 50 ohms.

Now 20m is a fine band but the FOX hunt isn't on 20m, is it? With the materials I had I didn't think a 30'+ vertical was feasible so I decided to wind a loading coil. Using the Mobile Whip calculator that is a part of the HAMCALC series of programs I came up with a coil design. I wanted to use 1" PVC as the form because it would slip over the 1" aluminum tubing with good fit. I started with 6" long coil using solid #12 insulated wire, about 8 turns to an inch. I inserted it at the splice of the two 7' pieces of tubing. I was quite surprised to find the antenna was not resonant at 6.9mhz! After shorting the coil by 3 turns I was resonant at about 7.175mhz, fine tuning can now be done by sliding the top piece in or out. I did find that the band width was quite a bit narrower than without the coil on 20m but still sufficient enough to work the entire 40m band. I now have a 40m ground mounted vertical only 16' long. The final test was to make contact with a FOX. I thought that the losses of a ground mounted vertical with only 4 radials would make it a poor antenna at QRP levels but wanted to give it a try anyway.

(FOX hunt report in disguise)

Last night(Tuesday night local, Wednesday UTC) I started looking for one of the FOXes. There was Bob, W03B right on 7.110, I couldn't believe it! After several calls Bob got my complete call and we completed the contact. I must have been pretty weak on his end but he was sure coming in good here in OK. I was running about 4 watts from my Kenwood TS-430s. I decided that the vertical was going to make a fine FD type antenna so switched to the 40m dipole. Now for the other FOX, I first found Tim at 7.042 and thought I had it made, then he disappeared. Ah, there he is, moved down a bit in freq., just got him tuned in and he moved again. Found him again at 7.040 but lost him again before I could go after him. He was turning out to be much slipperier than I expected. Found him again just below 7.041 but couldn't hear who he was talking to then gone again. Don't know if his signal just faded or he moved. Didn't find him again until just before

0300UTC but couldn't make it back. Oh well, 1 out of 2 wasn't bad and the vertical performed better than I expected.

I plan to use it this weekend for JOTA(Jamboree On The Air), at a Boy Scout Camporee.

From qrp-1@lehigh.edu Thu Oct 19 15:29:00 1995
From: Charles Cashion <ccashion@spdmail.spd.dsc.cc.com>
Subject: [4426] mini ckt lab sbl-1
Message-ID: <199510182016.AA13368@aplo1.spd.dsc.cc.com>

Gang,
The August issue of QST had a construction article titled "A ROCK BENDING RECEIVER FOR 7 MHz".
One of the components was a Mini Circuits Lab SBL-1.
I have tried three local vendors, and none of them have this component. Does anybody have any suggestions?
Maybe a catalog from Mini Circuits Labs?
Gratefully,
Charles Cashion ex-W5ISZ

From qrp-1@lehigh.edu Thu Oct 19 15:29:00 1995
From: V\$BCIESLAK@china.qgraph.com
Subject: [4465] more QRP Contest
Message-ID: <01HWM9AESOAQ00TRNH@hub.qgraph.com>

Now that a lot of us are hardened QRP contest operators, why not enter SS as a QRP-L club. A lot of us operate as QRP anyway and may not be affiliated with a formal ARC, so why not just fill in the club affiliation field with QRP-L this would be similar to the way Yankee Clipper or Midwest Contestors organize contest teams. If we submit 3 or more entries we would get listed in QST and if you make 100 qso's you get a nice looking pin.

What say folks? Good idea or bad?

Brian AE9K
QRP ARCI #4641

From qrp-1@lehigh.edu Thu Oct 19 15:29:00 1995
From: "Timothy J. Pettibone" <tpettibo@NMSU.Edu>
Subject: [4421] oversight by the fox

Message-ID: <Pine.A32.3.91.951018121858.41165G-100000@hector>

I knew I was going to do this! I overlooked a legitimate contact with N3KFL, Al at 0205Z on 7040 khz. I didn't log the contact 'cuz i didn't copy my report - but that's not the rule, so up my count by 1 (27) and credit a fox to Al.

Tim AB50U

From qrp-1@lehigh.edu Thu Oct 19 15:29:00 1995
From: dh@deneb.csustan.edu (Doug Hendricks)
Subject: [4453] Pacificon
Message-ID: <9510190524.AA03522@deneb.csustan.edu>

Guys I will be at Pacificon this weekend. If you are missing parts on the Cascade, just email me and I will catch up on Monday. Weather is clear, calm, highs in the 80's just absolutely beautiful. You will need a light jacket at night. Don't forget, some lucky attendee is going to win a Cascade for \$5. What a deal. SSB QRP Forum at 9:00AM Sat. CW QRP Forum @ 9:00 Sunday. QRP Show and Tell Friday and Saturday nights at the ARCI-NorCAL booth. See you there. Listen for us on 20 and 40M CW both nights. 72, Doug
We will call CQ CQ PAC PAC.

From qrp-1@lehigh.edu Thu Oct 19 15:29:00 1995
From: PArland@aol.com
Subject: [4461] QRP Book Orders
Message-ID: <951019070105_48518936@emout04.mail.aol.com>

Book orders for the following people have been processed and mailed:

Frank Roberts, VE3FAO
Byron Johnson, WA8LCZ
Brian Dockter, KC7JZL
Adam Paul Banner, WB8TQR
Gene Tehansky, AA3AV
Don Hall
Bill Penhallegon
Bill Breare
John Agar, VE4EI
Emil Tillona, KD1F

Ir you have sent me a book order within the last 10 days and your name does not appear on this list, relax....I am waiting for the next shipment of books from the publisher.

73 rich, K7YHA

From qrp-1@lehigh.edu Thu Oct 19 15:29:00 1995
From: PArland@aol.com
Subject: [4459] QRP Contesting Article in QST
Message-ID: <951019070117_48519054@mail04.mail.aol.com>

Hi Gang:

QST has responded kindly, once again. My article on QRP contesting will be published in either the Feb or March issue of QST. It features two well known DXers & testers: Randy Rand, AA2U and QRP ARCI President, Buck Switzer, N8CQA.

My eternal gratitude to both these gentlemen for providing pictures of their shacks and antennas (WARNING: studying AA2U's antenna farm can be turn one green with envy!)

Enjoy

73 rich K7YHA

From qrp-1@lehigh.edu Thu Oct 19 15:29:00 1995
From: "Robles Rodriguez, Pablo" <S927153@rmece17.upr.clu.edu>
Subject: [4422] radio shack oscilloscope probe
Message-ID: <1F780D62C0C@rmece17.upr.clu.edu>

Hi guys:

Many thank for all the replies to my last question, hw-8 stability problem. Have already swap the VFO fet and still no changes. Now it is blowing the ZD1, this is getting hard to deal with. Will have to wait to fool with it once again.

Well, finally I Got the 1996 RS catalog. would like to know if anyone have already fool around with the probe. please send me your comments, i'm trying to resist the temptation until hearing something more about it...

73 es GL!
- WP4JXD -

From qrp-1@lehigh.edu Thu Oct 19 15:29:00 1995
From: Russ1031@aol.com
Subject: [4408] Snagging the Fox
Message-ID: <951018112036_126937886@mail06.mail.aol.com>

Last night, I made my first attempt to snag the fox. Fox number 1, W03M, was putting a pretty good signal into Oregon, but the frequency was dominated by three Klingons who were running 20 to 30db over nine. I called, but no luck. By the time fox number 2, AB50U came on, the frequency was a little more civilized, and I connected.

This fox business is fun. Was the split operation successful? Seems like a good idea to me.

By the way, the ARCI event was very entertaining. 15 meters was especially interesting, with propagation changing on a minute to minute basis. I ended up with a score of 381,570, assuming I did the arithmetic right. This is the first ARCI contest I've taken relatively seriously, so I don't know whether that score is good, bad or indifferent.

Russ, AA7QU

From qrp-1@lehigh.edu Thu Oct 19 15:29:00 1995
From: rxd7@hunny.INS.CWRU.Edu
Subject: [4424] Spider transceiver
Message-ID: <199510181909.PAA16235@hunny.INS.CWRU.Edu>

Does anyone on this list have a phone number for "Lectrokit" the company that produces the Spider Txcvr ?

If you do, I would appreciate it if you would E-Mail me a copy.

Thanks, Dick WD8ISB

From qrp-1@lehigh.edu Thu Oct 19 15:29:00 1995
From: K5ERJ@aol.com
Subject: [4429] Ten Ten CW Contest
Message-ID: <951018161900_47903221@emout05.mail.aol.com>

For those of you who didn't get enough contesting last weekend, join us this weekend on 10 meters for the FALL 10-10 CW QSO PARTY.

When: Oct 21 0000Z thru Oct 22 2400Z. (This will start Fri. evening zulu time) Freq: Anywhere between 28.000-28.300 that your license permits.

Exchange: (Member) RST- 10X No.- Name- S-P-C

Exchange: (Non-Mem) RST- No Nr. -Name- S-P-C

Yes, you can participate even if you aren't a Tentenner. Your contact is worth a point to the member contacted (we don't use multipliers...yet!)

If you are a Ten Ten member and exchange the number then you're worth 2 pts.

Members can find more details in the Fall issue of the 10-10 NEWS.

Since 10-10 CW QSO Parties don't draw as many folks as the SSB Parties do, we would appreciate working anyone willing to help us build some scores.

Hope you can join us

73

Ed K5ERJ

Director-10-10

From qrp-1@lehigh.edu Thu Oct 19 15:29:00 1995

From: K5ERJ@aol.com

Subject: [4427] The Plusses of Code

Message-ID: <951018161859_47903203@mail06.mail.aol.com>

Gang:

I am not the author of what follows. I found it on another list (which I have consequently dropped) back several weeks ago. I thought it might be appreciated here.

73

Ed K5ERJ

WHAT IS C W

* It is a unique,intimate,concise and effective communications skill still employed throughout the world.

* It is the most efficient mode in terms of power required for long-distance communication ,least susecptible to interference,and conserving of the radio frequency spectrum.

* It involves no accent or pronunciation problems,therefore providing a widely understood international language.

* It employs simpler,more reliable and easily maintained equipment than any other communications mode.

* It is an equalizer,negating age,speech impediments and dialectical differences;it provides for ready acceptance of youngsters in an adult enviornment.

* It is the ONLY radio communications mode that is understood readily by both man and machine.

Please note : the above article was submitted for packet by N1CNS as a reminder that it is a serious and viable means of communication. Any responses may be sent to me WA1HVD @ KA1AZ.RI.USA

From qrp-1@lehigh.edu Thu Oct 19 15:29:00 1995
From: km6mo@ix.netcom.com (James Holt)
Subject: [4456] TRW Swap-meet info needed
Message-ID: <199510190620.XAA08832@ix5.ix.netcom.com>

Would someone please E-mail me information on the TRW swapmeet, including the schedule, location and the type of gear you would find there.

Thanks & 72

Jim Holt, KM6MO

From qrp-1@lehigh.edu Thu Oct 19 15:29:00 1995
From: burdick@interval.com (Wayne Burdick)
Subject: [4444] Updated KC1 installation info
Message-ID: <v0213055bacab58791fdc@[199.170.106.28]>

Below are the KC1 installation details for the following rigs:

- HW8 and HW9 (Heathkit)
- SWL XX-40 (Small Wonders Labs)
- OHR-400 (Oak Hills Research)
- Gary Breed transceiver (A&A kits and 624 kits)

These are all now included in the KC1 manual.

Please let me know if you're putting a KC1 into a popular rig other than the NorCal 40A, Sierra, or those listed here. I'd like to get the details for the next manual update.

73,
Wayne
N6KR

* * * * *

HW-8 (Heathkit)

(Information provided by Jason Penn, N9RPT)

Comments: The KC1 board mounts easily on the top edge of the rear panel between the DC power connector and the key jack. Front mounting is also possible, but the rear-panel mount preserves the look of the radio.

Connections: The KC1 MUTE line connects to the junction of IC2 pin 8 and C38. KC1 audio injection is achieved by converting the original HW-8 sidetone oscillator into an amplifier: (1) remove 3.3M ohm resistor R72; (2) connect the KC1 AF output signal to the solder pad of R72 that goes to pin 11 of IC2 via RA (100k); (3) remove 10M ohm resistor R74; (4) replace 10M ohm resistor R75 with a 2M ohm resistor (or two 1M in series); (5) solder a 1M ohm resistor between pins 10 and 11 of IC2, using the solder pad of R72 (now vacant) that goes to pin 11 and the solder pad of R74 (also now vacant) that goes to pin 10. The stock sidetone volume control still works. Increasing the value of the 100k ohm resistor reduces the overall gain. Connect the KC1 VFO connection via CV (10pF) to the drain of VFO transistor Q2. Do this via RG-174 coax.

Band-edge determination: Since the HW-8 covers 80 meters, a second KC1 programmable offset can be used to obtain a band-edge reading of "500" on this band. Fortunately there is an unused SPDT switch section on the ganged HW-8 band switch. Unfortunately the three unused terminal on the easy-to-get-to solder side were hacked off during HW-8 assembly. The component side of the band switch is a bit cramped by the loading capacitor. With good eyesight, a steady hand and patience, connect the middle of SW4 (80m) section 'E' (labeled pin 14) to ground. The ground lead

of the diode in the output meter detector circuit is a convenient place. Connect "BAND1" from the KC1 to pin 15 of SW4 (next pin on the SW4 toward the rear of the rig).

Configuration: Mute 2; sideTone ON; Weight 4; QSK 1; offsets: o1S395 and o3S895.

* * * * *

HW-9 (Heathkit)

This installation has not been attempted as of this manual update, but here are some recommendations: Connect the KC1 audio output to the junction of C351 and R367 and omit RA or CA. Connect the KC1 MUTE output directly to Q303 collector. The VFO input to the KC1 should be obtained from the output of the VFO buffer, in which case CV can probably be anything from 22 to 47pF. Band-edge selection signals will have to be derived using isolation diodes from one of the band-switch sections.

* * * * *

SWL XX-40 (Small Wonders Labs)

(Information provided by Bob Finch, N6CXB)

Connections: For audio output from the KC1, use RA=1 meg. and CA=.01. Connect the junction of these two components to the XX-40's audio circuitry at the junction of the 22k resistor and 820pf capacitor. Connect "VFO" on the KC1 to the base of the XX-40 VFO transistor, Q2, using CV = 10pF. Increase the gain of the KC-1's buffer amp by using a 1K resistor instead of 3.3K at R3 on the KC1. Use RG-174 coax for the VFO connection, and connect the shield at the KC1 end only. "MUTE" goes to the anode of D4 and keying goes to the cathode. Power and ground can be tapped off at the center of the board. Get ground from jumper W1, and voltage from Vr at the standoff/hole immediately adjacent to W1. Twist these leads together. Alternately, especially if you are using SWL's enclosure kit AND wiring diagram, you can get ground from the rear chassis. Important: Connect only one GND lead from the KC1 to the XX-40 to avoid ground loops.

Configuration: Mute 2; sideTone OFF; Weight 4; QSK 1; offset: o3A191.

* * * * *

OHR-400 (Oak Hills Research)

(Information provided by Rob Capon, WA3ULH)

Comments: One way to install the KC1 inside the OHR-400 is to leave S1, S2

and R1 off the module and mount the KC1 to the left-hand stand-off provided for an internal keyer in the rig. In this case, drill a hole in the right mounting hole of R-1 on KC-1 board for a #4-40 x 1/4 -inch screw. Use electrical tape to insulate the bottom of the KC-1. S1 and S2 are mounted on front panel of OHR, over the keyer pot. No problem with 6-inch leads. A 10K keyer speed pot is used on the panel of the OHR-400 is used in place of standard 500K pot supplied with rig.

Connections: Route two wires from the panel-mounted keyer speed pot to the left and center holes where R1 would have been mounted on the KC1.
Interconnection components: CV- 33 pF, CA- .01 uF, RA- 2.2K. KC1 pin "V" is connected via CV to the center conductor of the oscillator jack on the rear panel using a 2-inch length of plain insulated wire. Because this is the high-frequency, premixed VFO output, you'll need to change R3 on the KC1 to 1K. (Alternatively, you could obtain a VFO signal from the source lead of Q100, using CV = 5 pf, and R3 of the default value of 3.3K.)
"AF" is routed via RA to the outside lead of the audio pot on the front panel of the OHR-400 (not to the ground or center wiper). CA goes from this lug to ground.

Configuration: Mute 2; sideTone ON; Weight 4; QSK 1; offset: o3A000.

* * * * *

Gary Breed (K9AY) transceiver (A&A kits and 624 kits)

(Information provided by Rob Capon, WA3ULH)

Comments: The KC1 can be installed in the cover of the rig, while the SPEED pot is best mounted on the front panel rather than on the KC1 board itself. Drill two holes in the cover (to the right of the speaker, and behind the fine tune pot) to accommodate the momentary switches. A 10K (linear taper) speed control pot can be mounted directly above the Fine pot on the front panel.

Connections: Route two wires from the panel-mounted SPEED pot to the left and center holes where R1 would have been mounted on the KC1.
Interconnection components: CV- 33 pF, CA- .01 uF, RA- 1 Megohm. KC1 pin "V" is connected via CV to the VFO pin on the oscillator board (the front board, on the rear edge towards the left). Used a six inch length of RG-174U for this purpose. "AF" is routed via RA to the wiper lead of the audio pot on front panel. CA goes from this lug to ground, or on the board between the wiper wire and the ground wire of the three wire group that goes to the audio pot. [Note: the author did not use the muting feature of the KC1 in this installation.]

Configuration: Mute 2; sideTone OFF; Weight 4; QSK 1; offset: o3A000. (Note: you may wish to adjust this offset value to correct for any

offset in the transceiver's crystal oscillator, which may not be at an exact multiple of 1MHz.)

From qrp-1@lehigh.edu Thu Oct 19 15:29:00 1995
From: Larry East <LVE1@inel.gov>
Subject: [4409] UTC, etc.
Message-ID: <9510181525.AA06558@garnet.inel.gov>

Excerpt from a posting from Chuck:

>
>You see, it's a different day in Europe when they get to midnight before
>we do. It's simple physics, the earth rotates, life goes on, sun comes
>up and the sun goes down. Another day another dollar. :-)
>
>My postings from now on will revert back to UTC only. It is left
>as an exercise for the student to not mess it up. :-) :-)
>

Guess anyone can screw this one up... I noticed that the wrong date was on the QSL Chuck sent to me. :-) :-) (snicker!)

72, Larry W1HUE/7

From qrp-1@lehigh.edu Thu Oct 19 15:29:00 1995
From: Allen Jones <ajones@adsnet.com>
Subject: [4407] VHF Qrp
Message-ID: <199510181448.JAA09861@alice.adsnet.com>

At 09:50 AM 10/18/95 EDT, you wrote:

>
>BTW, anybody know of any 6 meter or 2 meter QRP gear, if there is such gear??
>
>72/73's for now, my friends!
>
>DE KB00XD

Check out the new MFJ 9406 10W xcvr for 6M. There is a full page in the November issue of QST. List price is \$250. If you already have a 20M QRP

rig there is also the Ten Tec 6M transverter. The only 2M stuff I'm aware of is the long discontinued Icom IC-202 (3W SSB/CW) and a pricey little multimode xcvr from Yaesu (don't recall the model #).

72/3 Allen, K9DZE

=====
Allen Jones K9DZE ajones@adsnet.com
Michigan City, Indiana EN61nq
ARCI #8797 G-QRP #8812 NorCal #1061
SWOT #1368 SMIRK #5403
=====

From qrp-1@lehigh.edu Thu Oct 19 15:29:00 1995
From: jgoemans@facstaff.wisc.edu (Jane Goemans)
Subject: [4450] Visiting Kalamazoo, Mi...
Message-ID: <199510190308.WAA44852@audumla.students.wisc.edu>

Greetings all,

I will be in Kalamazoo, Mi. on Nov 7 and 8 (Tues and Wed), are there any QRP-L-ers out there that I could call on and visit? Let me know !

OBQRP, am joining XYL Jane (N9AWW) who is at a conference beginning of week, then we are "doing Mich." for the rest of the week. Hopefully B and B's where I can hang a stealth wire or dipole !!!I plan on packing some rigs and gel-cel, etc. Suggestions for places to go are also welcome.

72 Paul Goemans
QRP ARCI, NorCal, etc etc...

Jane Goemans
4326 Clover Court
Madison WI 53711

phone: (608) 274-5143
email: jgoemans@facstaff.wisc.edu

From qrp-1@lehigh.edu Thu Oct 19 15:29:00 1995
From: "Jim Larsen" <jlarsen@alascom.com>
Subject: [4414] Wow from Alaska
Message-ID: <9509188140.AA814032606@mailrouter.alascom.com>

Greetings from Alaska.

I was on 40 mtrs last night for about 30 minutes near sunset. Gray-zone is good. The band was HOT.

There were 1s, 8s, 4s and 5s and of course 6s and 7s. Alas and alack, not a sole could hear my 4 watts.

I even copied AB50U solid.

And the beat goes on.

Oh, I think I heard the Klingons, also. One was a /4.

73,

Jim Larsen
AL7FS
Anchorage, Alaska
jlarsen@alascam.com

From qrp-1@lehigh.edu Thu Oct 19 15:29:00 1995
From: PArland@aol.com
Subject: [4460] Xmas QRP Book Order
Message-ID: <951019070115_48519025@mail02.mail.aol.com>

I am taking orders for complete sets (Vols 1-3) of my books for a one-time bulk order from the publisher. If you desire to have a complete set of all three volumes (no single copies) and need them prior to Xmas send me your prepaid order now.

All three volumes will cost \$44.00 which includes Priority Air Mail for the US. Canadian orders: \$50.00 payable in US FUNDS ON A US BANK. European orders \$58.00 in US FUNDS PAYABLE ON A US BANK. (Overseas costs included air mail postage).

I need at least 30 prepaid orders to do this deal with the publisher. (I can no longer order a bunch of books on speculation of sale....everything must be prepaid before the publisher will ship.)

Checks, postal money orders or bank drafts (no VISA or Master Charge, please) to:

Rich Arland
PO Box 1782

Shavertown, PA 18708

73 rich

From qrp-1@lehigh.edu Thu Oct 19 15:29:00 1995
From: BOB.LIESENFELD@hamlink.mn.org (BOB LIESENFELD)
Subject: [4457] ZENER
Message-ID: <814057435.AA03928@hamlink.mn.org>

Hi gang,

Well there have been some interesting responses to my original post on this subject. I have seen the article in "QRP Classics" regarding the ringing that occurs at the collector of the amp. I have read this several times, and each time it sounds more anecdotal, and less accurate. I'm now mulling over how to simulate in a controlled manner, the "vari-cap" properties of this reverse biased diode as Vc swings up and down, to see if that is part of the answer. Maybe my ARRL Radio Designer program can help.....HMMMMMM.

72 Bob WB0POQ

Technology is OUT of control.....

---NoSnail v1.17

HAM>link< RBBS - Serving the Amateur Radio Community Since 1983

- 612/HAM-0000 v.34

Ham Radio Spoken Here!!

- 612/HAM-1010 v.32b

Reply to sender @ hamlink.mn.org

From qrp-1@lehigh.edu Thu Oct 19 15:29:00 1995
From: Raymond.Anderson@Eng.Sun.COM (Ray Anderson)
Subject: [4418] Re: 2N7000's: important information
Message-ID: <9510181732.AA05088@radium.Eng.Sun.COM>

>

> In all my 30 or so years of electronics work, I have never, ever fried a
> "static sensitive" component - including cpus, memory, mosfets... etc
>

> If I blew the 2N7000 in my KC1 it would be an historic event.

>

> I don't find the microprocessor noise all that bad, really.

>

.....

>

> 73! =paul= wb8zjl

>

>

Just wanted to concur with Paul. I don't think I've ever frapped a device due to not handling it with anti-static kid gloves or whatever. Over the past 20-25 years I know I've done a lot of things that would cause the device manufacturers and QA people to turn over in their graves with respect to handling parts without static protection, but I've never blown one that I know of. (And yeah, I know about degrading devices such that they will fail at a later date....)

Anyway, I'd say it pays to be cautious, but don't be paranoid about dealing with these "static-sensitive" parts. They are a lot more robust than a lot of people would have you believe. Then again, your mileage may vary!

72,

Ray WB6TPU

From qrp-l@lehigh.edu Thu Oct 19 15:29:00 1995

From: frank <yorks@frank>

Subject: [4437] Re: 30m QRP-L contest

Message-ID: <86MNGPAY2ShwEwUc@frank>

In message <199510180353.XAA16850@philadelphia.libertynet.org>, Adam O'Donnell <adam@libertynet.org> writes

>I have an idea... please don't criticize it...

>

>Do you think it would be acceptable if we had a sort of QRP-L contest
>on 30? Maybe work 25 of us in a 24 hr period?

>

>Something just to promote QRP activity on 30. To work the QRP-Lers,
>you must be running 5w or less.

>

>What do you guys think?

>----

>Adam O'Donnell, N3RCS

>Amsat: N3RCS@AMSAT.ORG

>Internet: ADAM@LIBERTYNET.ORG

>

>"I want to know how God created this world. I am not interested in this or
>that phenomenon. I want to know His thoughts, the rest are details."

> -- Albert Einstein

>

>

Hi, 30M is a no go area for contests! Start the rot and it will spread.
An activity day / period yes, maybe but keep 10.1 clear of contests,
there are too many contests anyway, they bring out the worst in people
(present company excepted of course!)

72/3

--

Frank G3YCC G QRP Club 042

Email: frank@yorks.demon.co.uk

From qrp-l@lehigh.edu Thu Oct 19 15:29:00 1995

From: cebik@UTKVX.UTCC.UTK.EDU

Subject: [4446] Re: ?? Tuning beam antennas from ground level ??

Message-ID: <Pine.PMDF.3.91.951018220011.543207962B-100000@utkvx.utk.edu>

Dan,

The article was "Adjusting HF Yagi Matches," by Brian Beezley, K6STI, and appeared in Technical Correspondence. Actually, I think they ran it twice in different months. One source is April, 1995, QST, page 74. Brian did some extensive modeling to test the thesis that a Yagi pointed up although near ground would tune very close to tower top values. He shows that even at fairly low elevations of the reflector off the ground, the advice to point up is sound. And the technique is not dependent on having a high front-to-back ratio design. I first ran into the advice almost a decade ago in the directions accompanying a Butternut HF5B Butterfly beam, and the technique is older than that. My own experience in tuning a number of antennas for 10 meters with this technique is that the values you get pointed up match well with those at 1 wavelength up or more (35' on 10), but not quite as well with values required at about 5/8 wavelength (about 20' on 10), because an antenna that low will show often a maximal departure from high elevation or free space feedpoint values. On 10, I have used straight-up elevations of 5 to 10 feet relative to the reflector with no significant differences in tuning relative to the final height. However, read Brian's article and examine his charts for further details.

-73-

LB, W4RNL

From qrp-1@lehigh.edu Thu Oct 19 15:29:00 1995
From: rgobrick@public.compuserve.com (Robert J. Gobrick)
Subject: [4462] Re: ARCI Contest
Message-ID: <199510191226.JAA13826@public.compuserve.com>

Hi Frank,

Nice to work you during the QRP ARCI Fall QSO Party. I have to admit I get a little competitive (there are sooo many hams up here in Newfoundland) but I am always thrilled to work into Europe during these get-togethers (heck you were a 4 pointer for me - hi). Actually the fun of the QRP ARCI "contests" is just working other qrpers knowing that they are running "minimal" stations and the thrill is in the contacts and not the points (sure).

By the way, I gave you as my exchange my power (5 watts). I've been doing that for the dx contacts but I've been sticking to my QRP ARCI number for the North American contacts. By the way - also worked Wales (your western neighbour) and the Canary Islands during the funfest.

Now your next obligation as a ARCI member is to beg, borrow, steal your way to Dayton, Ohio in May for the QRP ARCI "Four Days in May" QRP symposium and the Dayton Hamvention. By the way we've done away with the debtors prisons over here in the Colonies and Commonwealth territories so you will be able to return safely to your homeland after the event.... :^)

73/72 Bob V01DRB/WA6ERB

>Hi, just joined ARCI on Saturday, via Dick G0BPS (Kanga UK) at the
>Rochdale QRP convention, and thought would have a few minutes on 14060
>on Sunday. Managed to work V01DRB, N4BP, K4AHK and TA2Z0. Bit of fun but
>not a great fan of contests!
>Have fun!
>--
>Frank G3YCC G QRP Club 042
>Email: frank@yorks.demon.co.uk
>
>

| | | |
|-------------|---|----------------------|
| Bob Gobrick | V01DRB/WA6ERB/VE2DRB | Newfoundland, Canada |
| QRPer | Galore - QRP ARCI, GQRP, NORCAL, NEQRP, COQRP, MIQRP, NWQRP | |
| Internet: | bgobrick@terra.nl.net | nf.ca |
| | rgobrick@public.compuserve.com | |
| Compuserve: | 70466.1405@compuserve.com | |

From qrp-1@lehigh.edu Thu Oct 19 15:29:00 1995
From: rgobrick@public.compuserve.com (Robert J. Gobrick)
Subject: [4445] Re: Capacitors: the ugly truth!
Message-ID: <199510190054.WAA07399@public.compuserve.com>

Wayne,

Thanks for the great information on capacitors. I have to admit a number of years ago at Dayton I raised the question on how in the world is a beginner supposed to understand what capacitor to use in a circuit. Thumbing through the Digikey and Mouser catalogs make your eyes roll with all the colors, shapes and different chemical compounds (polystyrene mylarized ceramic .001 uf cap - good for anything, anytime, anywhere :^)

I'm printing out your comments and putting them in my "keeper" file for future reference.

Thanks again Wayne. 73/72 Bob V01DRB/WA6ERB

>Some small disc capacitors of the kind stocked by places like Digikey and
>Mouser have horrible unloaded Q's--in the vicinity of 10 at 1MHz. (Since Q
>is the inverse of dissipation factor, the D values are correspondingly bad
>at around 0.1.) Other disc capacitors from the same vendors have Q's from
>200 to 900, equal to the best silver mica and polystyrene caps.

etc.

```
-----
| Bob Gobrick - V01DRB/WA6ERB/VE2DRB - Newfoundland, Canada |
| QRP'er Galore - ARCI, GQRP, NORCAL, NEQRP, COQRP, MIQRP, NWQRP |
| Internet:      rgobrick@public.compuserve.com                |
|                bgobrick@terra.nlnet.nf.ca                    |
| Compuserve:   70466.1405@compuserve.com                      |
|-----
```

From qrp-1@lehigh.edu Thu Oct 19 15:29:00 1995
From: PDouglas12@aol.com
Subject: [4413] Re: Chemical Wire Stripper
Message-ID: <951018120735_47723876@emout04.mail.aol.com>

Hey Larry,

The x-acto works better and doesn't smell. I stripped all the coils for my Sierra (a lot of coils!) and every other of my rigs for 20 years with a #11 blade. And not once (and I am as "ham" handed as any) have I nicked a wire

or cut one off inadvertantly. Now, this must be the right way to do it, 'cause I checked with Chuck, and he uses a #11 blade too. :-) A sharp fresh blade is easiest to use. Of course, I have come close to poking out my eyes a few times. But I suppose no human endeavor is without risk!

72,
Preston WJ2V

From qrp-1@lehigh.edu Thu Oct 19 15:29:00 1995
From: frank <yorks@frank>
Subject: [4440] Re: For Frank Yorks@frank
Message-ID: <v63J2FA0nShwEw3w@frank>

In message <951017214922_75230.1405_HHB28-1@CompuServe.COM>, Marshall Emm <75230.1405@compuserve.com> writes

>The following is a forwarded copy of a CIS Mail message.

>

> *Date: 17-Oct-95 09:10 MDT

> *From: Electronic Postmaster > INTERNET:POSTMASTER@CompuServe.COM

> *Subj: Problem encountered at CompuServe/Internet mail gate

>

>RE: Undeliverable Message

>

>Your message could not be delivered to the indicated receiver(s):

>

> Invalid receiver address: yorks@frank

>

>

> ***** *****

>

>Message number: 951017150930 75230.1405 HHB67-1

>Sent at: 11:09 EDT 17-Oct-95

>Subject: Re: Currency Exchange

>

>Hi, Frank--

>

> >> Would you lucky guys pay 1500 dollars for a QRP Plus? Neither would I,

> >> but I would have to if I wanted one (I don't). Be lucky...

>

>Tell me about it! My other call is VK5FN. It's not quite so bad there, but

>bad enough. Don't know what a QRP+ would sell for, but I suspect a lot. They

>get a slight break on Japanese gear due to proximity, but not enough to help.

>One of the final eye-openers for me was when Ford made a car in Australia for

>export to the US-- it sold in the US for less than half the price in Oz.

>Can you spell "SOCIALISM," boys and girls?

>

>I guess your best bet, if you wanted a QRP+, would be to have a private person
>buy it for you here and send it as a gift (with a view to avoiding import
>duties).

>

>Thank goodness there are good QRP kits around!

>

>73

>Marshall

>AA0XI/VK5FN

>AA0XI/VK5FN

><<>>

>

>

Hi Marshall. I also have a VK5 call sign, VK5GCC, as i was in Adelaide
etc earlier this year! I guess a lot of radio outlets here rake in mega
bucks from folk wishing to buy US made gear!

73

--

Frank G3YCC G QRP Club 042

Email: frank@yorks.demon.co.uk

From qrp-1@lehigh.edu Thu Oct 19 15:29:00 1995

From: "Timothy J. Pettibone" <tpettibo@NMSU.Edu>

Subject: [4417] Re: FOX (GOOD LUCK BAD LUCK)

Message-ID: <Pine.A32.3.91.951018112030.41165A-100000@hector>

Ernie:

You did work me in the correct time slot. What's the matter, can't read
your clock either? Heard you come back to Bob, 5 minutes after the FOX
hunt, when he was calling me! I heard him but he didn't hear me. And
that would have counted 'cuz we is the FOXES! Darn.

Tim AB50U

p.s. Our contact was 0137Z (on the 18th, etc...)

From qrp-1@lehigh.edu Thu Oct 19 15:29:00 1995

From: Myron China <chim@gwl.com>

Subject: [4415] Re: FOX report

Message-ID: <199510181650.AA14295@gp-sparc56.gwl.com>

oops, thought i missed something. my call is KB0LMQ, not KB0RMQ. not tim's

fault. some digital lid was sitting on me during the qso and my wife was dragging me out the door to my daughter's orchestra concert. i was just happy to snag AB50U on 7.110.

thanks.
myron

Myron China (KB0LMQ) chim@gwl.com
ISIS Oracle Database Administrator Ph:(303)689-3981
Great-West Life Assurance Co. Fax:(303)689-4850
Englewood, CO

From qrp-1@lehigh.edu Thu Oct 19 15:29:00 1995
From: Paul Harden <pharden@aoc.nrao.edu>
Subject: [4430] Re: mini ckt lab sbl-1
Message-ID: <199510182112.PAA08464@zia.aoc.nrao.edu>

I have the latest Mini-Circuits catalog. Distribution Center information is 1-800-654-7949. The plant itself is in Brooklyn, NY at 718-934-4500. I have purchased a couple of items from them in the past direct after complaining how no local vendors carry their items. They don't seem to get turned-off by hobbiest. HINT: Always mention you saw their part published in an article you wish to build. This is free advertising for them and they feel compelled to satisfy you, knowing word of mouth can hurt them.

GL, Paul NA5N

From qrp-1@lehigh.edu Thu Oct 19 15:29:00 1995
From: af852@rgfn.epcc.Edu (William R Colbert)
Subject: [4434] Re: mini ckt lab sbl-1
Message-ID: <9510182133.AA02306@rgfn.epcc.Edu>

Mini-circuits does indeed have a catalog - very large, informative, almost like a tech manual. I don't have their phone number here (home) but will e-mail it tomorrow when I return to the office. I do remember talking to their order desk, which is located in Branson, Mo, with the factory located in New York. Both locations extremely nice and helpful. We have used a lot of their small power-dividers - make excellent receiver multicouplers. The cost of the SBL-1 was reasonable as I

recall. They do a lot of advertising in trade publications such as Microwave Products Digest, Compliance Engineering and Electronic Design. They also do onesy's & twosy's the last time I talked to them.
Ray, W5XE, El Paso, Tx

From qrp-1@lehigh.edu Thu Oct 19 15:29:00 1995
From: Bill Acito 19-Oct-1995 1014 <acito@asdg.ENET.dec.com>
Subject: [4466] RE: more QRP COntest
Message-ID: <9510191411.AA19614@us1rmc.bb.dec.com>

I thought there was a 150 mile range limit of all participants within a club?

b

. - I own my own words -
Bill Acito
acito@asdg.enet.dec.com
|d|i|g|i|t|a|l| Digital Equipment Corporation Hudson, MA

KC1GS . . . qrp-ne . . . qrp-arci . . . norcal . . . arrl life . . .

From qrp-1@lehigh.edu Thu Oct 19 15:29:00 1995
From: af852@rgfn.epcc.Edu (William R Colbert)
Subject: [4433] Re: radio shack oscilloscope probe
Message-ID: <9510182124.AA00150@rgfn.epcc.Edu>

Sorry gang, I sent a reply directly, so will mention what R/S told me
"The probe/scope is expected out about 1 November. But the person I was talking with wasn't altogether sure that it would be that soon. I am anxiously awaiting the time to see how well it works - maybe replace my 545? I only hope that it won't be so popular that Tandy will discontinue it soon after placing on the market.
Ray, W5XE, El Paso

From qrp-1@lehigh.edu Thu Oct 19 15:29:00 1995
From: "Mark A. Andrews" <ke4iof@fly.hiwaay.net>
Subject: [4451] Re: radio shack oscilloscope probe
Message-ID: <9510190336.AA29442@fly.HiWAAAY.net>

>
> Well, finally I Got the 1996 RS catalog. would like to know if
> anyone have already fool around with the probe. please send me your
> comments, i'm trying to resist the temptation until hearing something
> more about it...

>
>
>
> 73 es GL!
> - WP4JXD -
>

Unless things have changed, it won't be available until after
November 30. It definitely looks interesting though.

From qrp-1@lehigh.edu Thu Oct 19 15:29:00 1995
From: "N100Q Tom R. @ MR01 19-Oct-1995 0848" <randolph@est.ENET.dec.com>
Subject: [4464] re: radios shack oscilloscope probe
Message-ID: <9510191313.AA15540@us4rmc.pko.dec.com>

> I only hope that it won't be so popular that Tandy will discontinue it
> soon after placing on the market.

Hee hee! You mean like they do with all of their other really handy little
gadgets? The little 2m/440 SWR meter is gone, so is the nice 15W dummy
load that's good to VHF. I wonder when they'll discontinue the 2m handheld?

ObQRP: Well, the 40m superhet is nearly done. All of the circuit boards are
mounted in the case, finally. I need to wire everything together, and then
I can report on how well it worked out. I already have ideas on how to
improve it!

BTW, anyone else have one of those Optoelectronics 1200H freq. counters? I
figured out a very simple mod for it last night that lets it read down to
10 Hz. This should be great for crystal osc. and filter work! It now reads
like: 100.000000 MHz on the low scale, taking 25 seconds per count. If
anyone's interested, let me know and I'll post the mod.

-Tom R. N100Q randolph@est.enet.dec.com

From qrp-1@lehigh.edu Thu Oct 19 15:29:00 1995
From: adams@chuck.dallas.sgi.com (chuck adams)
Subject: [4432] Re: Ten Ten CW Contest
Message-ID: <199510182123.VAA12793@chuck.dallas.sgi.com>

One of the things that Ed did not mention is that by working 10 or more Ten Ten members you can become a member. You need to know about this club anyway 'cuz when the spots come back and you get on ten meters you will hear people talking about money all the time. Like five hundred dollars and ten cents, means that their Ten Ten number is 51030. It makes it much easier to exchange numbers that way.

Lots of people calling CQ 10-10.

FYI

--

Chuck Adams (K5F0 CP-60) adams@sgi.com
Box 181150, Dallas, TX 75218-8150

From qrp-1@lehigh.edu Thu Oct 19 15:29:00 1995
From: ddonald@vikings.onecomm.com (Dave Donaldson)
Subject: [4405] Re: Ten-Tec pm-1

>
> About the same thing happened to me, but, I have no documentation...mine is also
> broke, very little receiver audio and no transmitter output whatsoever...

>
> I'd also like to see the responses of the group on this one!

>
> Rick Blank, KI5SL rblank@txdirect.net
> 2223 Blanco Road KI5SL@K3WGF.STX.USA.NOAM
> San Antoni, Texas 78212 AMSAT NA#26195

>
>
The manuel from Ten-Tec is a bit hard to read. It looks like a copy of a copy. Futher there is some disagreement between whats is there and what is in the radio.

I too have no tx output (out of PM1 that is). I know however it is the final. I

think I blew it up a couple of years ago.

You guys have convinced me to restore it. I may improve the receiver stability by using diode switching in the rx osc. The wires from the board cause the frequency to change when they move. It may not be the exact original but if I have a Model T and I did not trust the breaks I would more in likely fix them to. Beyond that I am going to keep it as original a possible.

When I was a kid I remeber seeing this radio in QST and because it was cheap I always wanted to get one. Some dreams take a few years :-).

Thanks for all the responses and offers. Maybe I will get rid of it later.

Dave, WB7DRU

ps Any one know how to add a signature to EMAil using the Mail tool in SUN open windows? Mail me directly please, its off the subject.....

From qrp-1@lehigh.edu Thu Oct 19 15:29:00 1995
From: myers@bigboy.West.Sun.COM (Dana Myers)
Subject: [4442] Re: The Plusses of Code
Message-ID: <199510182125.0AA27399@bigboy.West.Sun.COM>

> From K5ERJ@aol.com Wed Oct 18 14:07:47 1995
> Originator: qrp-1@lehigh.edu
> From: K5ERJ@aol.com
> To: Multiple recipients of list <qrp-1@lehigh.edu>
> Subject: The Plusses of Code
> X-Listprocessor-Version: 6.0c -- ListProcessor by Anastasios Kotsikonas
> X-Comment: Low Power Amateur Radio Discussion
> Date: Wed, 18 Oct 1995 16:22:34 EDT
>
> Gang:
>
> I am not the author of what follows. I found it on another list (which I
> have consequently dropped) back several weeks ago. I thought it might be
> appreciated here.

You might consider also posting the followup discussion which raged on the newsgroups ;-).

From qrp-1@lehigh.edu Thu Oct 19 15:29:00 1995

From: adams@chuck.dallas.sgi.com (chuck adams)
Subject: [4411] Re: UTC, etc.
Message-ID: <199510181535.PAA12087@chuck.dallas.sgi.com>

Larry,

Are we talking about our QSO October 4, 1995 at 0144UTC?

I don't think so. I have a MFJ-24 Hr clock on top of the GC-1000.
Both are in sync. The MFJ flops between the date and time just for
that reason. :-)

I haven't had anyone else note that wrong date on a QSL. Not saying
that it can't happen, but you did surprise me. Looks like I'm getting
senile and losing it. And I was on sabbatical at the time too!!

(snicker too kid) :-)

dit dit

--

Chuck Adams (K5FO CP-60) adams@sgi.com
Box 181150, Dallas, TX 75218-8150

From qrp-1@lehigh.edu Thu Oct 19 15:29:00 1995
From: Steve Greene <sgreene@access.digex.net>
Subject: [4419] Re: VHF Qrp
Message-ID: <Pine.LNX.3.91.951018133944.241G-100000@localhost>

On Wed, 18 Oct 1995, Allen Jones wrote:

> At 09:50 AM 10/18/95 EDT, you wrote:
> >
> >BTW, anybody know of any 6 meter or 2 meter QRP gear, if there is such gear??
> The only 2M stuff I'm aware
> of is the long discontinued Icom IC-202 (3W SSB/CW) and a pricey little
> multimode xcvr from Yaesu (don't recall the model #).

As far as I know, Yaesu still makes their portable/mobile multimode
rigs for 6, 2, and 70cm. They're 5W with an attached battery pack, or
25 watts with external power and clamp-on amp inlieu of the battery pack.

The older multimode rigs (Kenwood TS-700, Icom 251/451) were 1-10 W
out; my Icom 451 has adjustable output power so it can run at
QRP levels. Of course, they're not as portable as the little Icom

units (502, 202, and I think there was a 70cm version as well).

72 and 73.....73 (path delay on A0-13)

Steve Greene KA1LM

sgreene@access.digex.net / ka1lm@amsat.org

From qrp-1@lehigh.edu Thu Oct 19 15:29:00 1995

From: Scott Rosenfeld NF3I <ham@w3eax.umd.edu>

Subject: [4420] Re: VHF Qrp

Message-ID: <Pine.3.89.9510181424.A26593-0100000@w3eax.umd.edu>

Actually, Yaesu's FT-290/II, 690/II, and 790/II portable rigs, when hooked up without the linear amp, are good for 2.5 watts on high and about 500 mW on low. With the amp section in use, the 790 and 290 are good for 5 and 25 watts, and the 690 is good for 1 and 10 watts.

Nice radios. Just sold my extra 290/II and my 690/II for experimentation in other endeavors...like (finally) mobile HF??? Maybe some more QRP rigs? Can't wait to get my OHR Explorer II kit in the mail...

Scott Rosenfeld NF3I Burtonsville, MD FM19 QRV 40-10/6/2/440

** Yes, you CAN do VHF contests with 25W and omni antennas **

Still stuck at 138 countries confirmed on HF w/dipoles...

72 & 73 from lovely suburban DC 301-549-1022 weekends/evenings

From qrp-1@lehigh.edu Thu Oct 19 15:29:00 1995

From: Harry_Chase@smtpgw.windata.com (Harry Chase)

Subject: [4423] Re: VHF Qrp

Message-ID: <9509188140.AA814051564@smtpgw.windata.com>

Speaking of VHF qrp, does anyone make/is anyone considering making a VHF qrp kit radio that'll do SSB/CW??? It would probably cost more, but when you look at the prices the newer Japanese "allmode" vhf products are running now, there may be an opportunity here.

OHR, NORCAL, et al., those who have developed SSB/CW kit designs to a fine art -- are you listening????

Harry

WA1VVH

From qrp-1@lehigh.edu Thu Oct 19 15:29:00 1995
From: af852@rgfn.epcc.Edu (William R Colbert)
Subject: [4431] Re: VHF Qrp
Message-ID: <9510182120.AA29191@rgfn.epcc.Edu>

Doesn't Hamtronics, out of NY, make a vhf transverter kit? Think they advertise in 73 but since I don't take that one, going by memory of ads of years past. There are also a couple of others out of UK and used to be one from Australia. Ray, W5XE

From qrp-1@lehigh.edu Thu Oct 19 15:29:00 1995
From: "Bill Kelsey - N8ET - Kanga US" <kanga@brutus.bright.net>
Subject: [4436] Re: VHF Qrp
Message-ID: <199510182204.SAA18570@brutus.bright.net>

VHF Kits are available....

I have several VHF capable kits from Hands Electronics (6m all mode 3 w xcvr), Kanga (6m 200 mw cw tx), and Kanga US (KK7B R1, R2, miniR2, T@, and LM2). The KK7B kits are capable of operating anywhere from 1 to 500 Mhz....

The Kanga 6m TX was in the latest Hambrew Magazine, and the Hands xcvr will be in the next issue. The KK7B stuff has been in QST, and has had write-ups in QRPP.

Check out the URL below for the catalog, or drop me an e-mail and I will send one via US mail.

> Reply-to: ajones@adsnet.com
> From: Allen Jones <ajones@adsnet.com>
> To: Multiple recipients of list <qrp-1@lehigh.edu>
> Subject: VHF Qrp
> Date: Wed, 18 Oct 1995 10:47:34 EDT

> At 09:50 AM 10/18/95 EDT, you wrote:

> >

> >BTW, anybody know of any 6 meter or 2 meter QRP gear, if there is such gear??

> >

> >72/73's for now, my friends!

> >

> >DE KB00XD

>

>

> Check out the new MFJ 9406 10W xcvr for 6M. There is a full page in the
> November issue of QST. List price is \$250. If you already have a 20M QRP
> rig there is also the Ten Tec 6M transverter. The only 2M stuff I'm aware
> of is the long discontinued Icom IC-202 (3W SSB/CW) and a pricey little
> multimode xcvr from Yaesu (don't recall the model #).

>
> 72/3 Allen, K9DZE
> =====
> Allen Jones K9DZE ajones@adsnet.com
> Michigan City, Indiana EN61nq
> ARCI #8797 G-QRP #8812 NorCal #1061
> SWOT #1368 SMIRK #5403
> =====

>
>
>
>
>
73 - Bill Kelsey - N8ET
Kanga US
kanga@bright.net
419-423-4604
<http://qrp.cc.nd.edu/kanga/>

From qrp-1@lehigh.edu Thu Oct 19 15:29:00 1995
From: prvalko <prvalko@Oakland.edu>
Subject: [4448] Re: VHF Qrp
Message-ID: <Pine.OSF.3.91.951018221727.27718C-100000@saturn.acs.oakland.edu>

On Wed, 18 Oct 1995, Harry Chase wrote:

> Speaking of VHF qrp, does anyone make...

<Big Snip>

This is probably going to REALLY go against the grain, but I gotta say it.

Fat, Dumb, and running QRP on VHF is no way to go through life, son.

You can *kinda* get away with it on 6M but there is SO little action
on 6 (we are for all intent at the bottom of the sunspot cycle) that
except for contests and summer E openings... I dunno... I've TWICE owned
IC-502's and had only a couple contacts with them. I've had a LOT of fun
with my Ten Tec transverter running into a 3 el beam and gaining some exp
that way.

VHF operation is SUCCESSFULLY (and therefore more FUN) done with many element yagis and such. Often yagis stacked upon yagis. This HUMBLE QRP fan uses a simple 7el yagi on 2M and I am about as low on the pole as you can get and still be having ANY type of fun on VHF.

I am also one of those weirdos that belongs to the camp that say, "Real QRPers run LOW exp -- no beams allowed."

MAN THAT is probably really going to make the fur fly... should I just hit CONTROL C and cancel this post... naaaaaah.

Look... you can call CQ till the cows come home on VHF with QRP but if you don't EVER make any contacts... are you having fun?

Give me a NorCal 40a+ and a dipole, any day.

flames to /dev/null :-)

73! =paul= wb8zjl

From qrp-l@lehigh.edu Thu Oct 19 15:29:00 1995
From: adams@chuck.dallas.sgi.com (chuck adams)
Subject: [4416] Re: Wow from Alaska
Message-ID: <199510181724.RAA12379@chuck.dallas.sgi.com>

Darn it Jim,

I heard around 0500UTC night before last KL7CW and he was only about 539 and I figured him for at least 100W at the time.

OK, I won't be asleep early tonight. We'll all be listening. Don't tell N6ULU. :-) If I remember correctly, HI counts as a country, does KL7?

I'll be looking starting at 7.000 until 7.060. Explorer I, since the Explorer II ran away from its adopted home. Starting 0430UTC. You have my number, call me collect.

dit dit

--

Chuck Adams (K5FO CP-60) adams@sgi.com
Box 181150, Dallas, TX 75218-8150